

FIG. 1

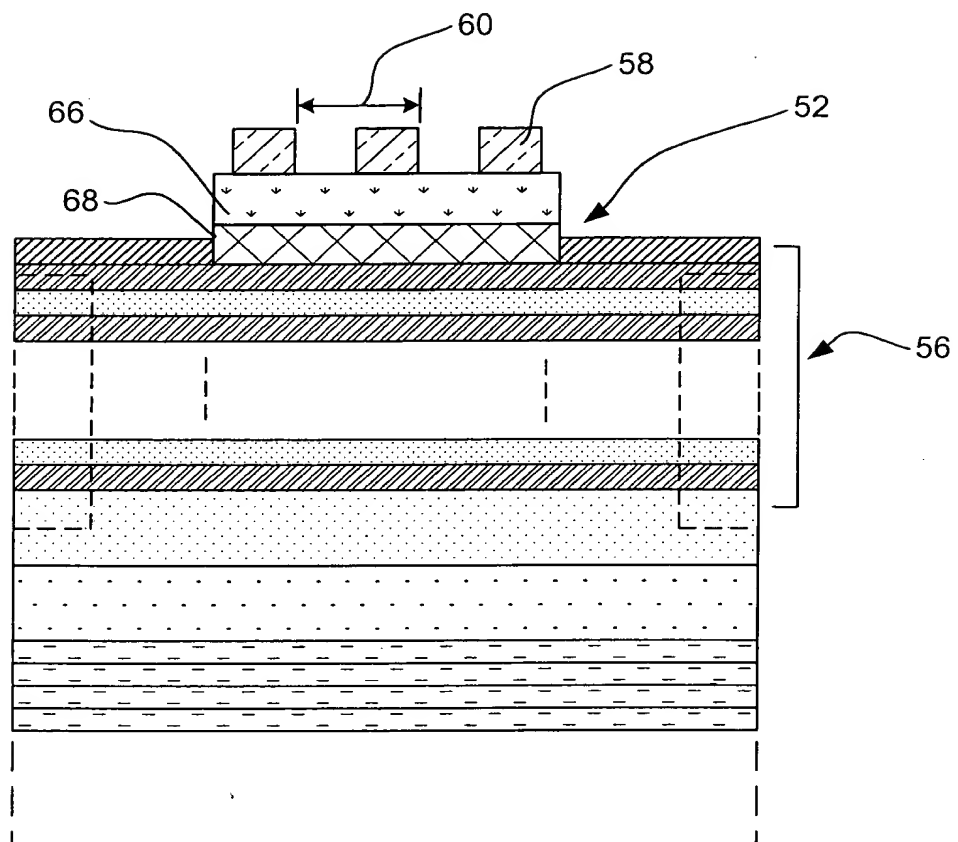


FIG. 2

Predicted Resonant Filter Reflectance for 980 nm VCSEL
Minimum k in Waveguide Layer

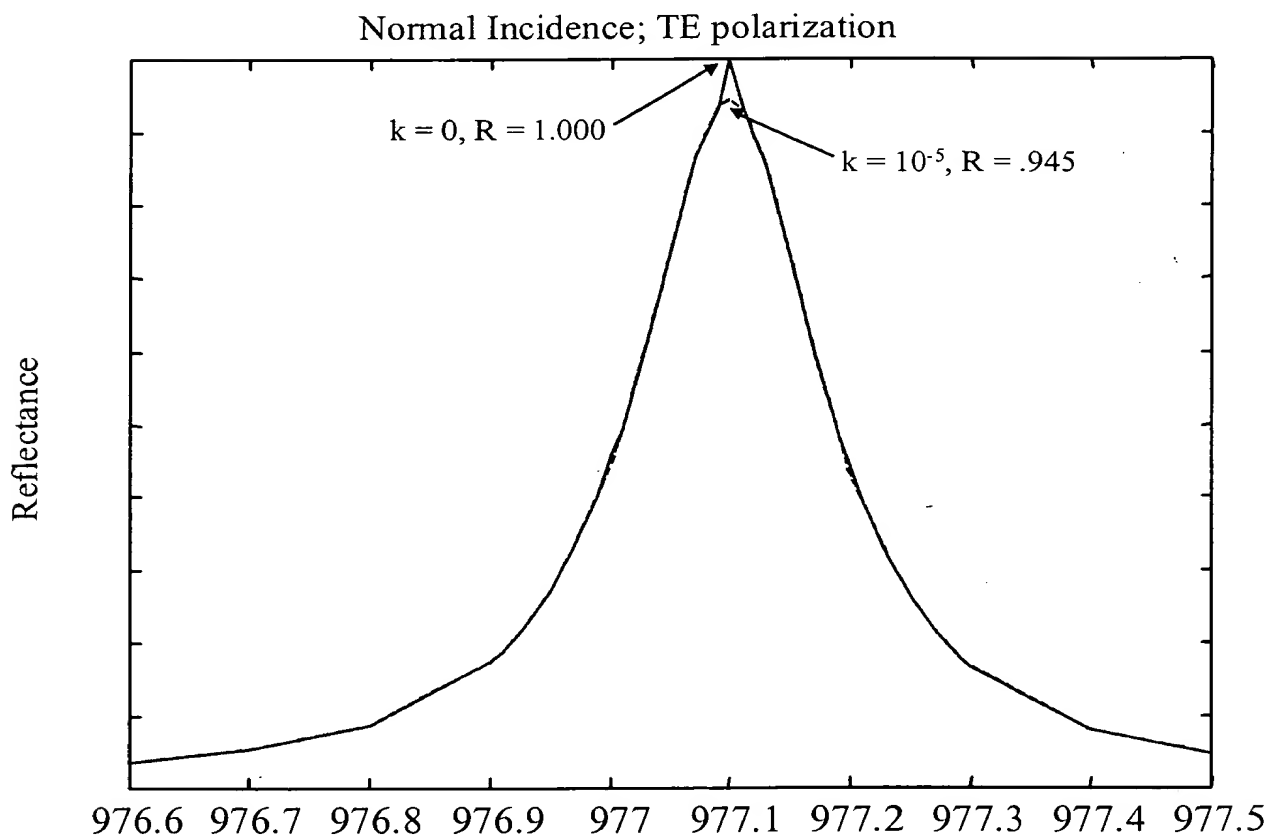


FIG. 3

Predicted Resonant Filter Reflectance for 980 nm VCSEL
Detail of Resonance

Normal Incidence; TE polarization

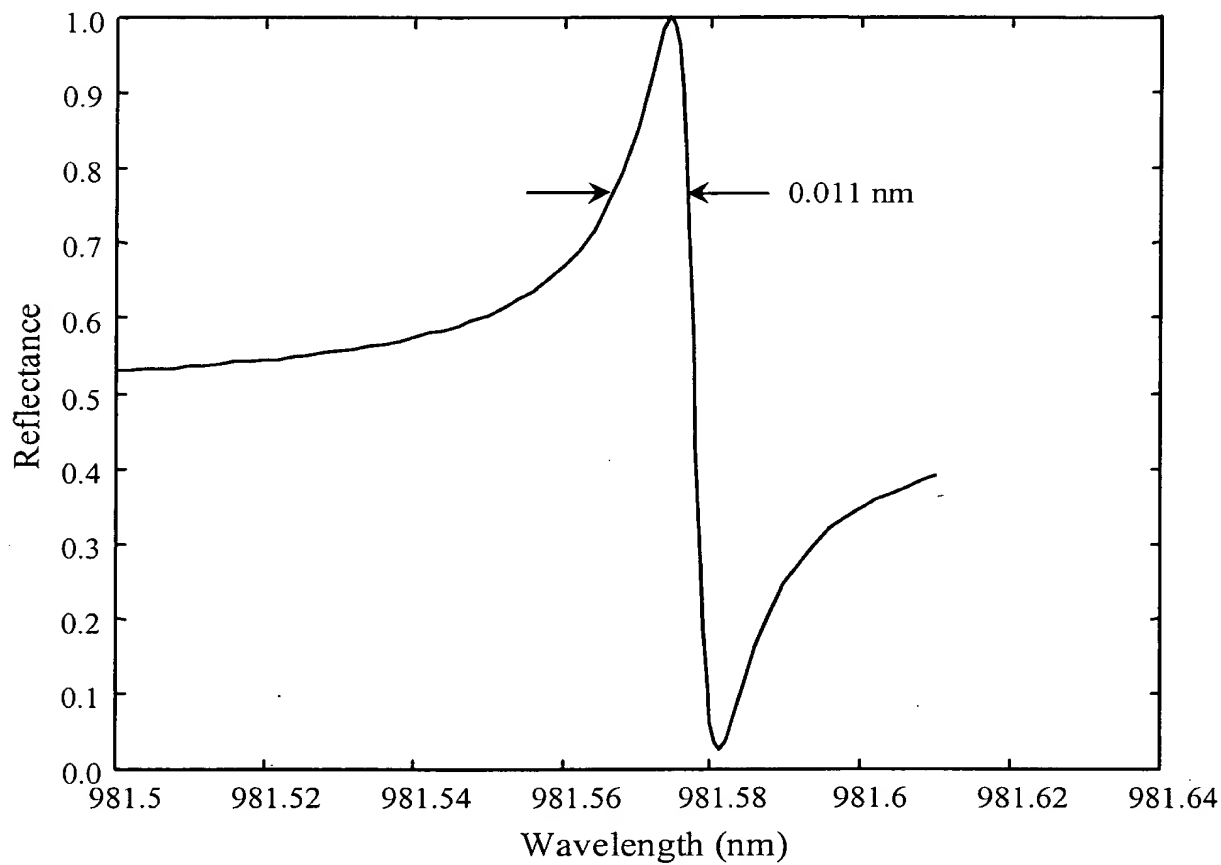


FIG. 4

Predicted Resonant Filter Reflectance for 980 nm VCSEL
Detail of Resonance with Conducting DBR Mirror

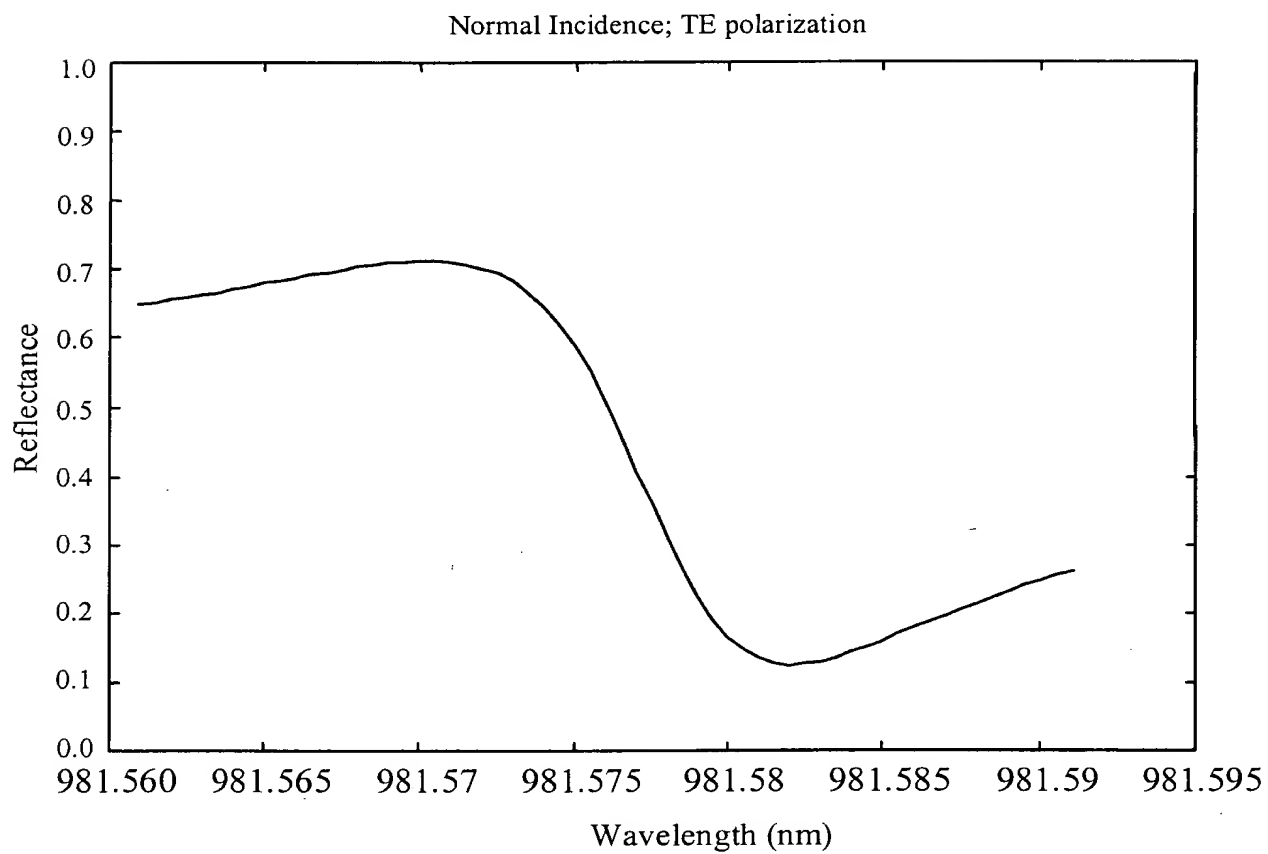


FIG. 5

FIG. 6

Predicted Resonant Filter Reflectance for 980 nm VCSEL
Detail of Resonance

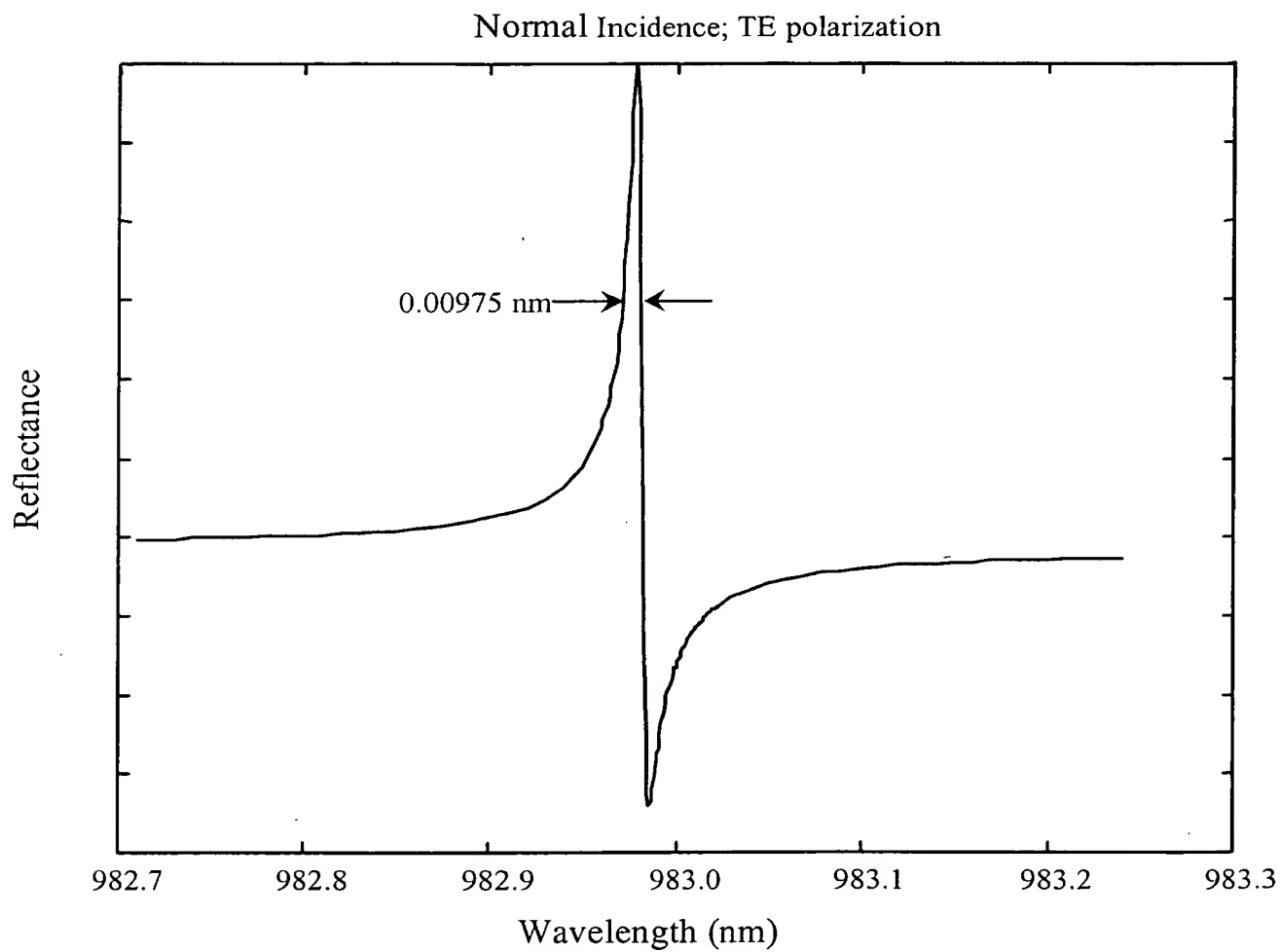


FIG. 7

Predicted Resonant Filter Reflectance for 980 nm VCSEL
Detail of Resonance with Conducting DBR Mirror

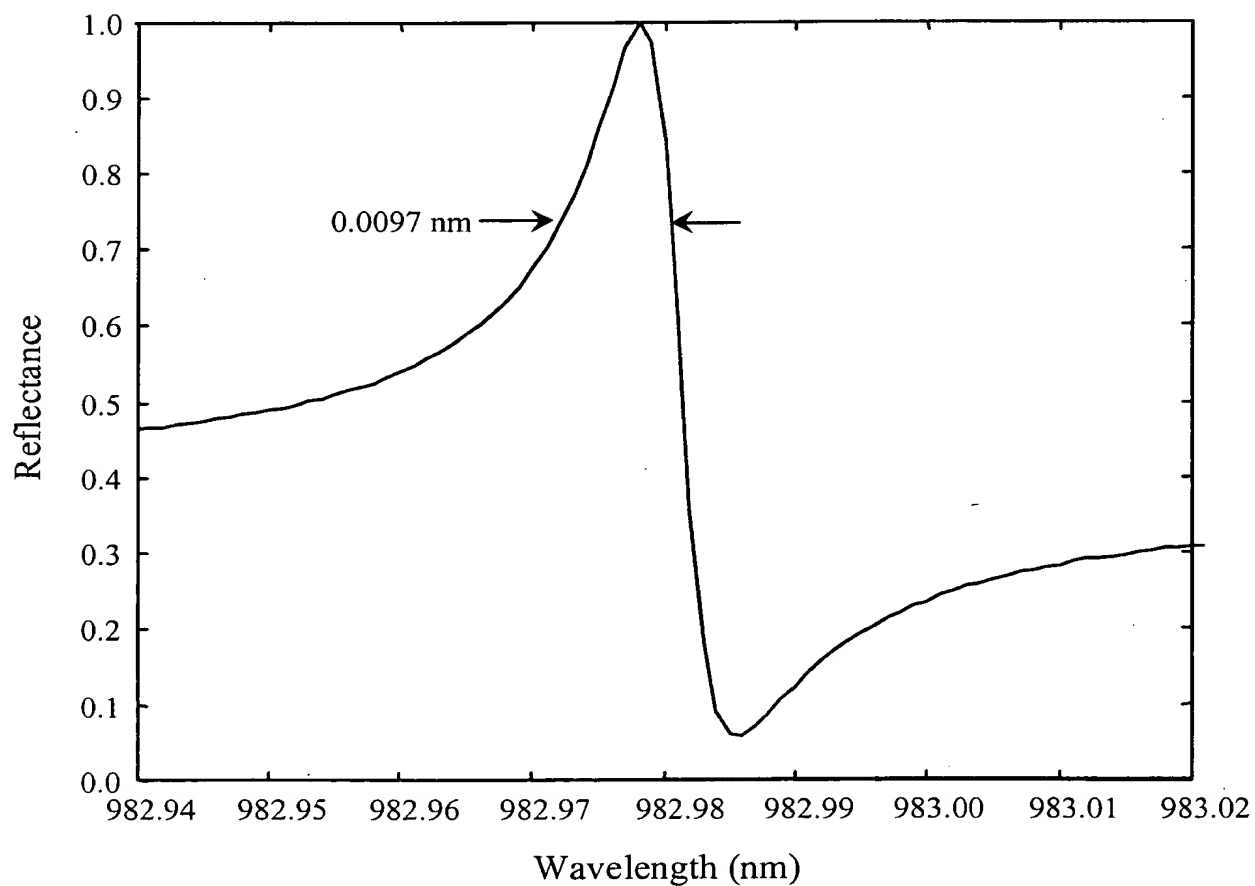


FIG. 8

[illegible]

FIG. 9

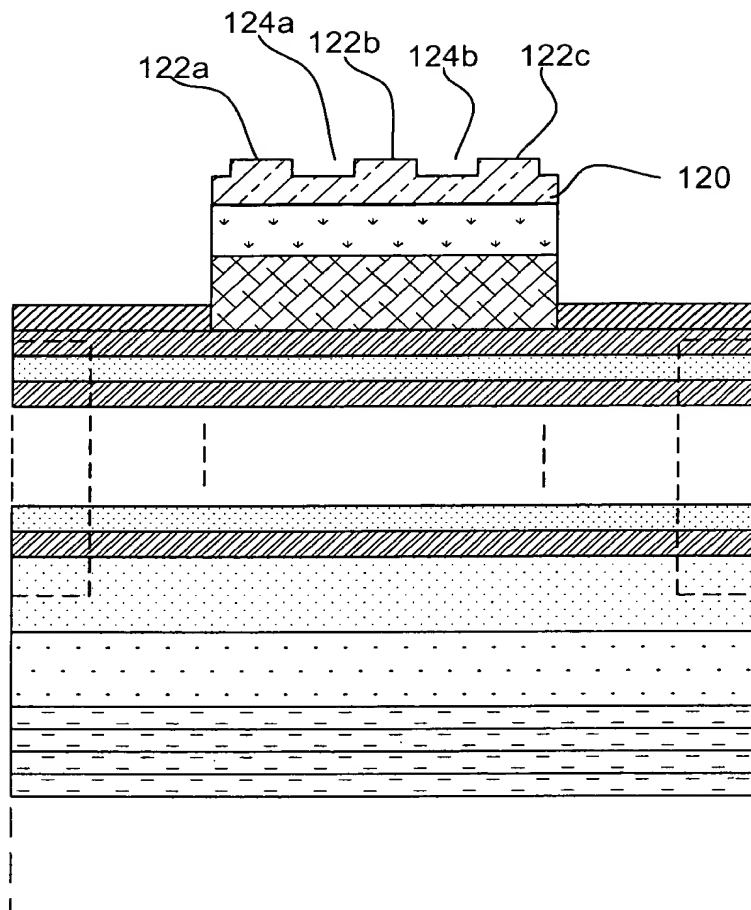


FIG. 10

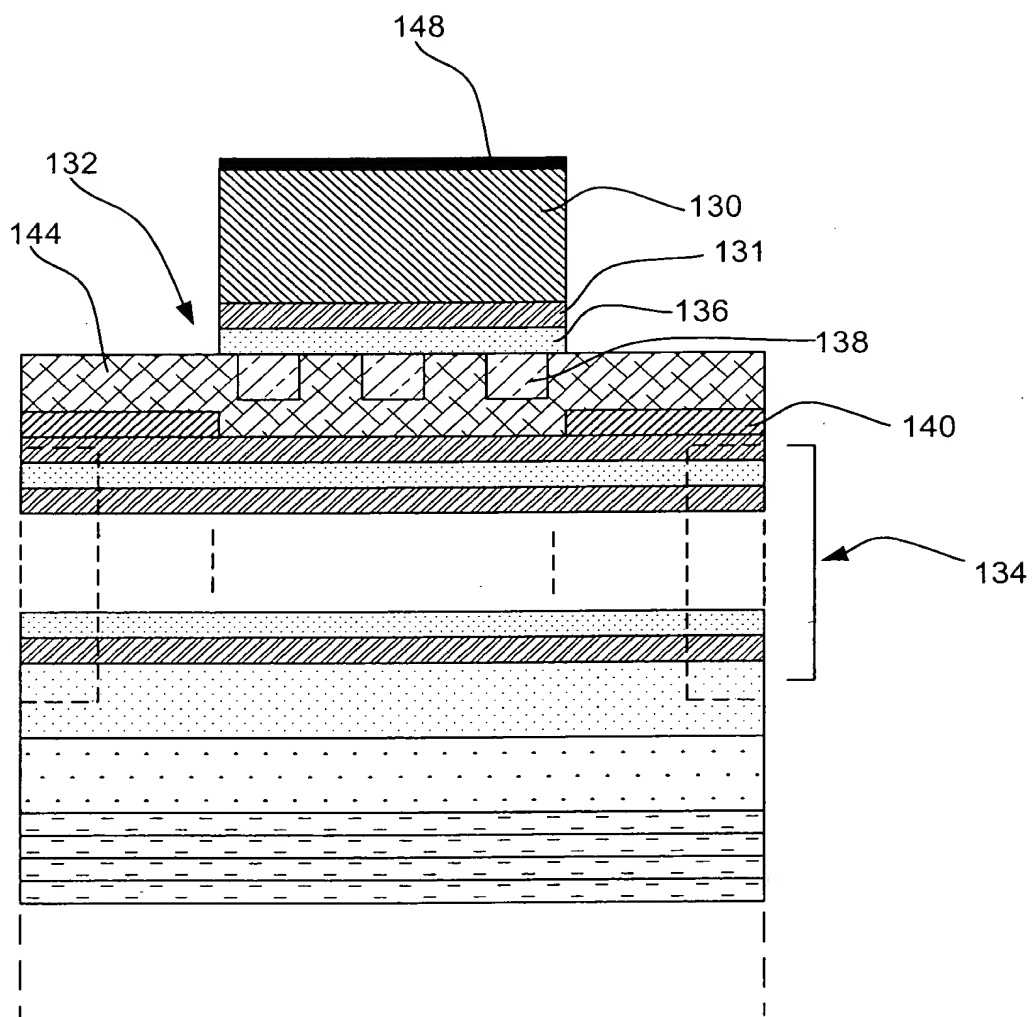


FIG. 11

FIG. 12 is a cross-sectional view of a device in accordance with the present invention.

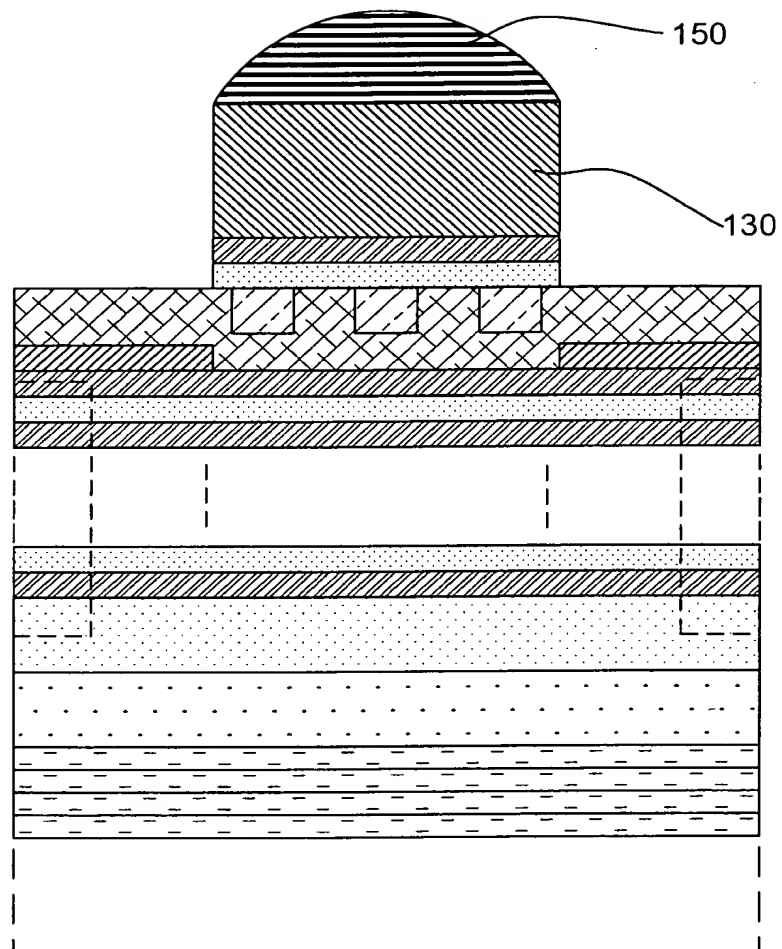


FIG. 12

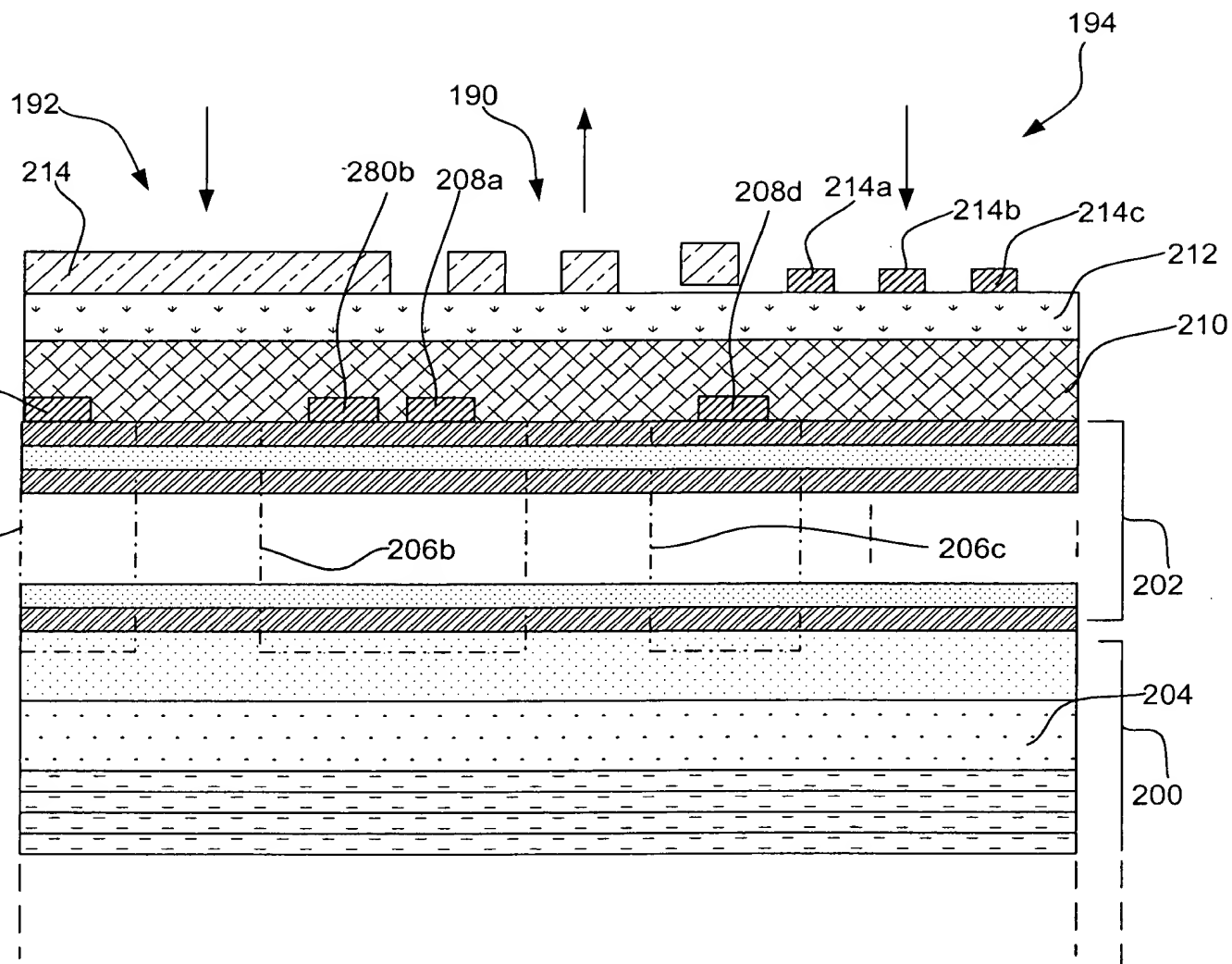


FIG. 13